

Model 9000 Number System

[Consists of 18 characters]

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
9001-GC-W-36-SV-4-C-05-L-36

① VALVE SIZE

9001 - 1 inch
9002 - 1.5 inch
9003 - 2 inch

② BODY TYPE

GC - Globe Cast
TC - Globe Cast Three-Way [1]

③ END CONNECTIONS

W - Wafer [NPT with Flange Face]
F - Flanged [CL150,300 and PN16,40]
S - Socket Weld [integral]
B - Butt-Weld Nipples

④ BODY ASSEMBLY MATERIAL

36 - 316 SST [CF8M body, 316 SST bonnet, graphite gasket]
AC - Alloy C [CW12-MW]
[Consult factory for availability]

⑤ BONNET AND PACKING TYPE

SV - Standard bonnet/TFE ring packing
SG - Standard bonnet/Graphite packing
EV - Extended bonnet/TFE rings packing
EG - Extended bonnet/Graphite packing
DV - Ext. bonnet/Double TFE ring packing
DG - Ext. bonnet/Double Graphite packing

[1] Consult factory with application data.

⑥ ACTUATOR SIZE, ACTION AND TYPE

1 - Size 35, ATO, no positioner
2 - Size 35, ATO, with positioner
3 - Size 35, ATC, no positioner
4 - Size 35, ATC, with positioner
9 - Electric Actuator

⑦ INPUT SIGNAL RANGE AND FORCE SPRING RATE

NOTE: The size 35 actuator can be equipped with either 3 or 6 springs, depending on force requirements.
NOTE: Normally, Air To Close applications do not require 6 springs. Consult the factory if you feel you have an ATC application requiring 6 springs.

A - 3-15 psig input, 3 springs

B - 3-15 psig input, 6 springs
*Positioner required

C - 6-30 psig input, 6 springs

D - 6 psig Split Range, 3 springs
*Positioner required

E - 6 psig range, 6 springs
*Positioner required

F - 4-20mA DC [for Electric Actuator]

⑧ INNERVALVE SIZE

1 INCH VALVES

Code	Cv Lin	Code	Cv=%
01	0.02	11	0.05
02	0.05	12	0.10
03	0.10	13	0.20
04	0.20	14	0.50
05	0.50	15	1.0
06	1.0	16	2.0
07	2.0	17	4.5
08	5.3	18	7.0
09	8.3		

1.5 INCH VALVES

Code	Cv Lin	Code	Cv=%
19	4.0	23	4.0
20	7.0	24	6.5
21	11.0	25	10.0
22	15.5	26	13.0

2 INCH VALVES

Code	Cv Lin	Code	Cv=%
27	7.0	31	6.5
28	15.0	32	14.0
29	21.0	33	17.0
30	25.0	34	20.0

Note: Code Q.O. innervalve sizes with Linear Cv code.

⑨ INNERVALVE CHARACTERISTIC

L - Linear
P - Equal Percent
Q - Quick Open

⑩ INNERVALVE MATERIAL

36 - 316 SST
ST - 316/Stellited plug/seat
3T - 316/TFE soft seat
AC - Alloy C

For other innervalve materials, use 2 digit code from RCV model number list.

ABOUT THE MODEL NUMBER

When ordering by model number [not required by the factory], please give a description of the unit also. This will decrease the possibility of error. The model number will show on all acknowledgements, as well as the nameplate attached to the actuator. When inquiring about a valve in the field, please give the serial number and the model number from the nameplate. An [X] in any position within the model number denotes something "special".

6116 East 15th Street • P.O. Box 581390 • Tulsa, Oklahoma 74158-1390 • Telephone [918] 836-8411 • FAX [918] 832-9962
Badger Meter Europe GmbH, Karlstrasse 11 • 72660 Beuren, Germany • Telephone +49-7025 9208-0 • FAX +49-7025-9208-25



BadgerMeter, Inc.

Due to continuous research, product improvements and enhancements, Badger Meter reserves the right to change product or system specifications without notice, except to the extent that an outstanding bid obligation exists.
Copyright© 2001 Badger Meter, Inc. All rights reserved.

941480

5-01